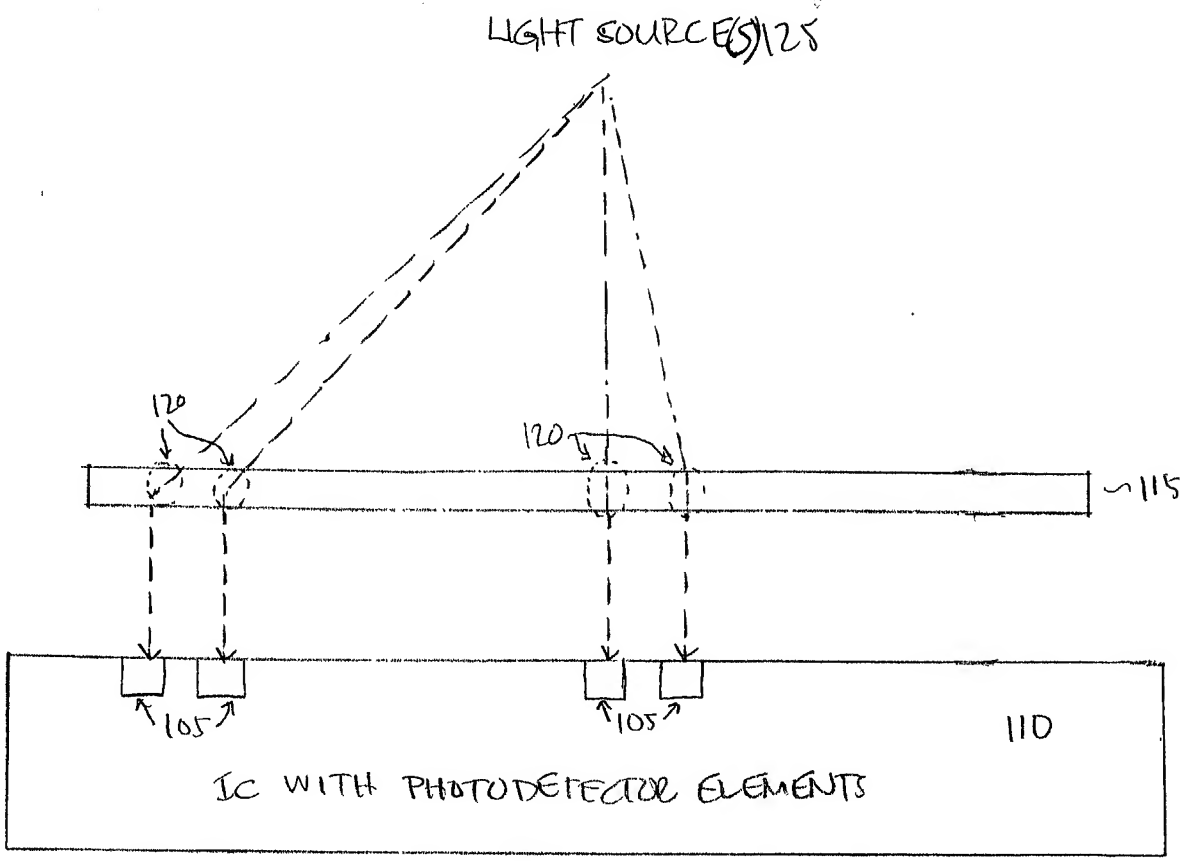

FIGURE 1

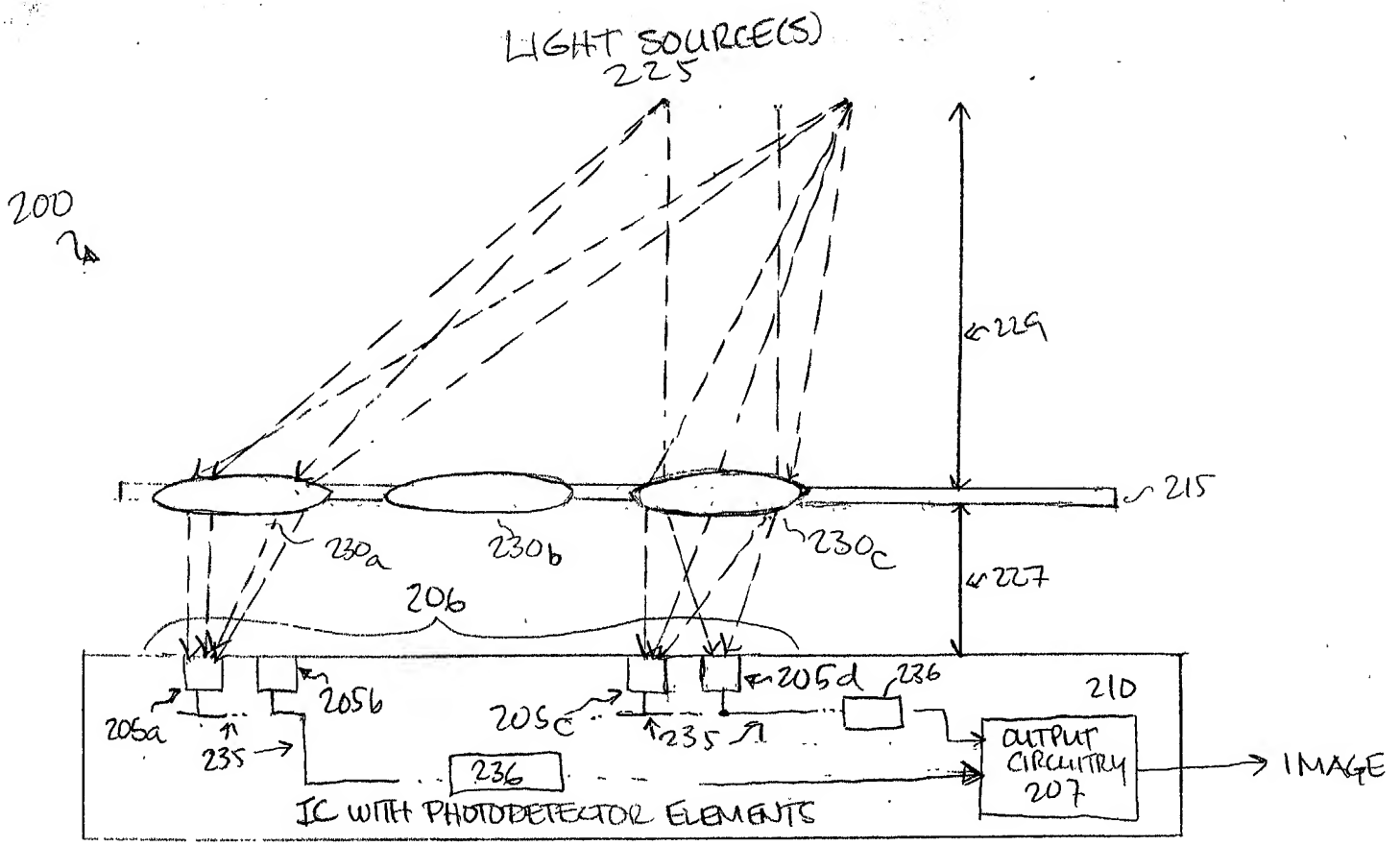
LIGHT SOURCE(S)
225
200
229
215
230a
230b
230c
227
206
205a
205b
205c
205d
235
235
236
236
210
OUTPUT CIRCUITRY
207
IMAGE
IC WITH PHOTODETECTOR ELEMENTS

FIGURE 2

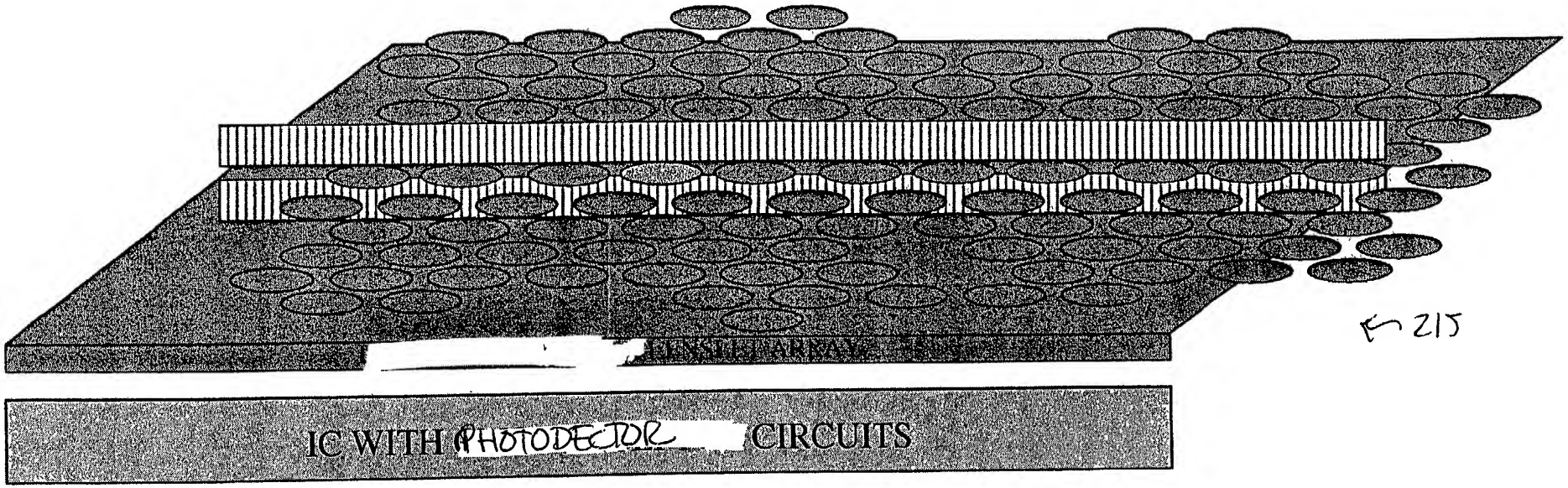

FIGURE 3

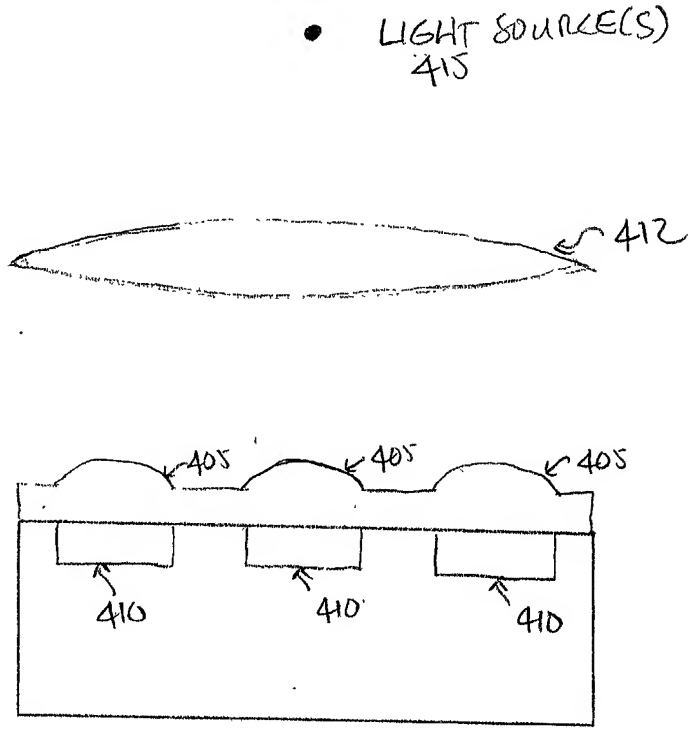

FIGURE 4
(PRIOR ART)

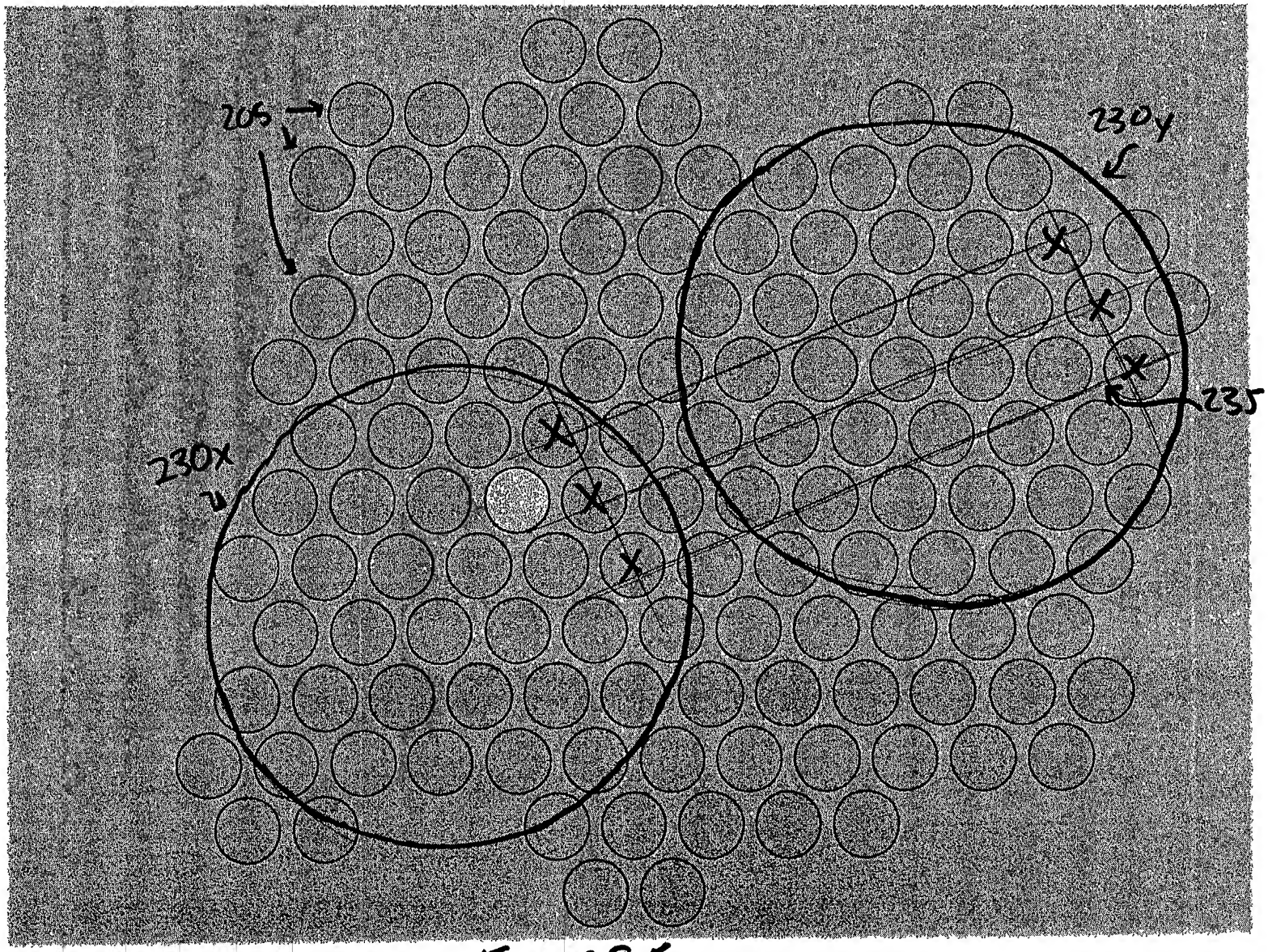

FIGURE 5

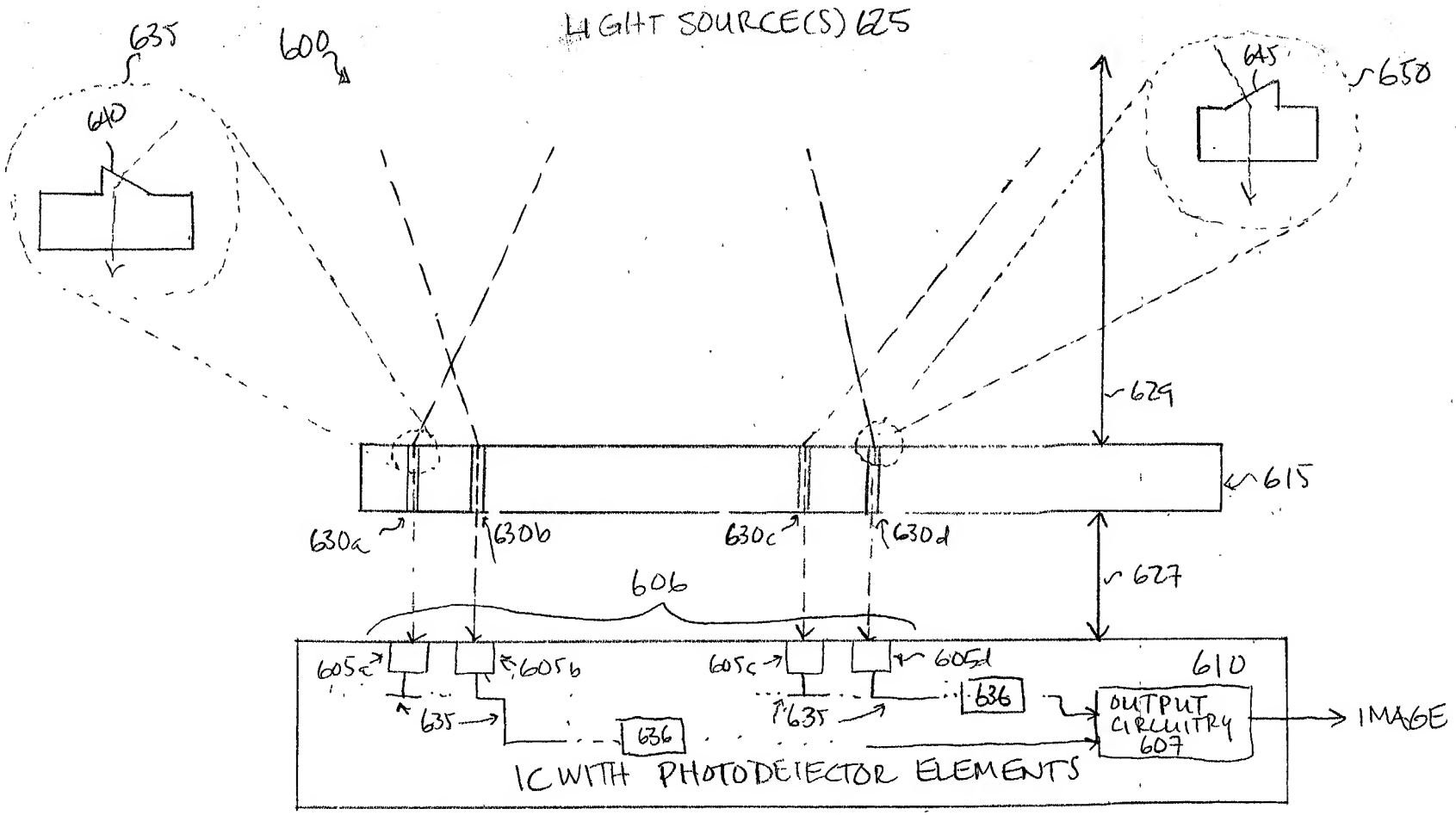
LIGHT SOURCE(S) 625
635
600
640
645
650
629
615
630a
630b
630c
630d
627
606
605a
605b
605c
605d
610
635
636
636
635
OUTPUT CIRCUITRY 607
IMAGE
IC WITH PHOTODETECTOR ELEMENTS

FIGURE 6

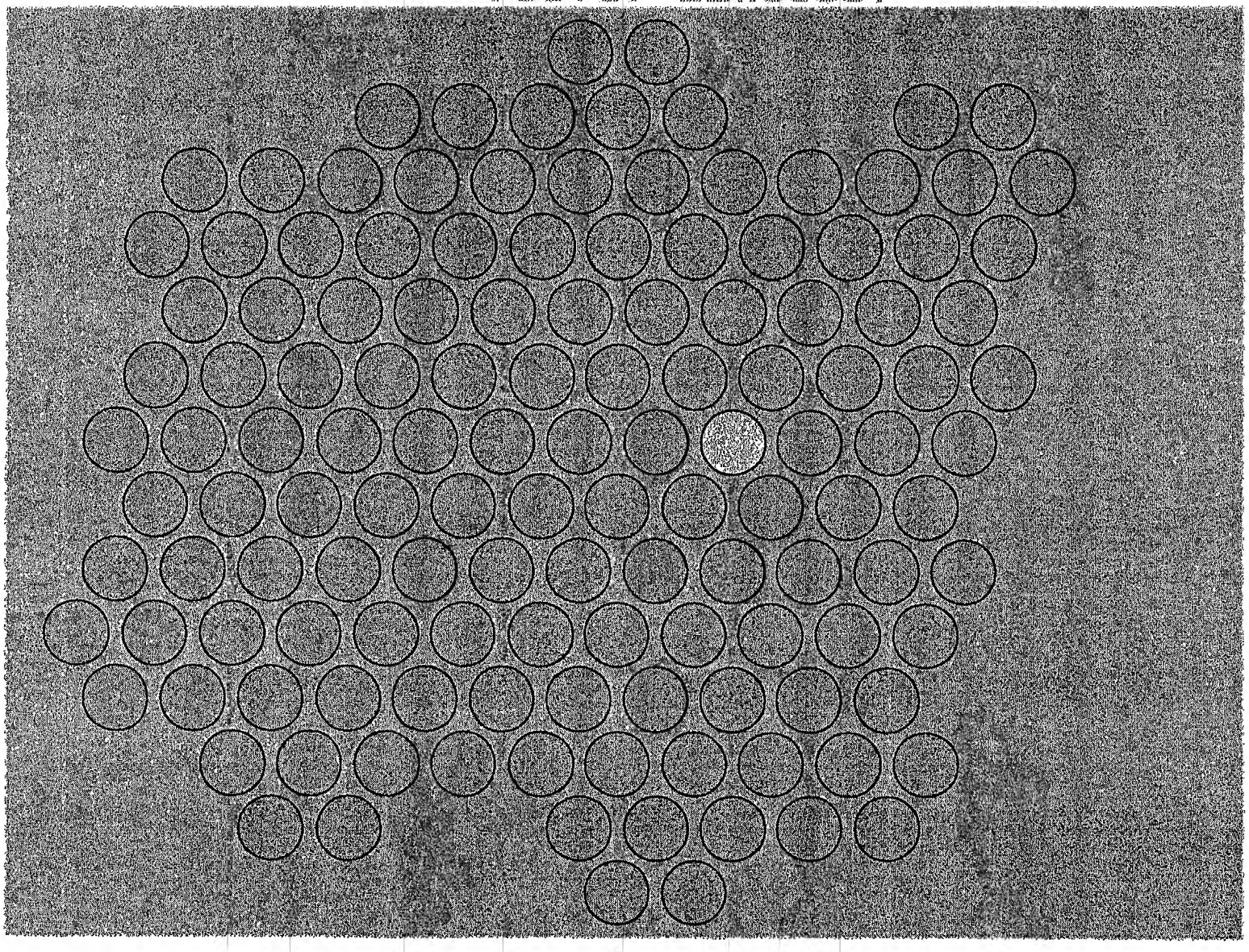

FIGURE 7

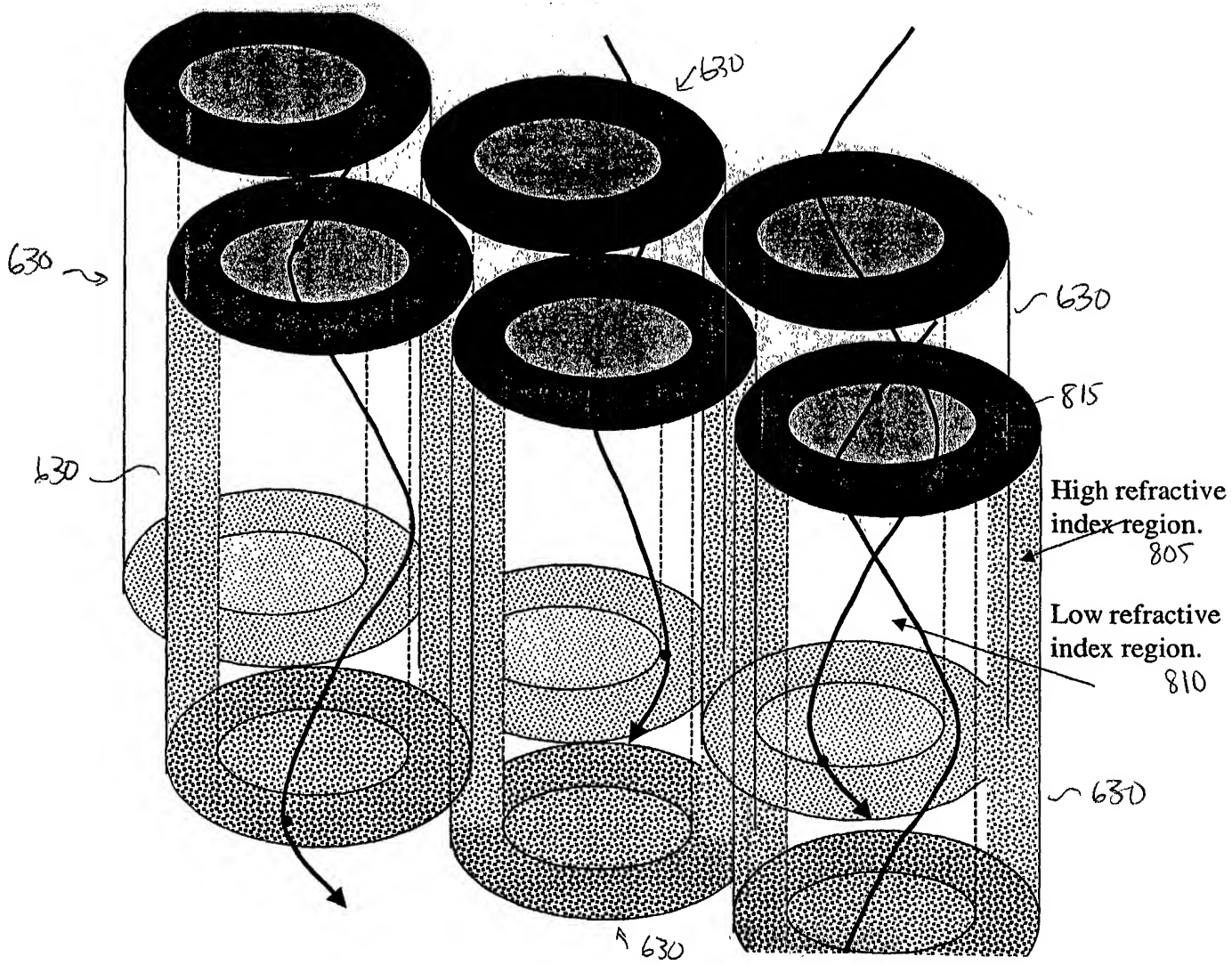
630
630
630
630
630
815
High refractive index region.
805
Low refractive index region.
810

FIGURE 8

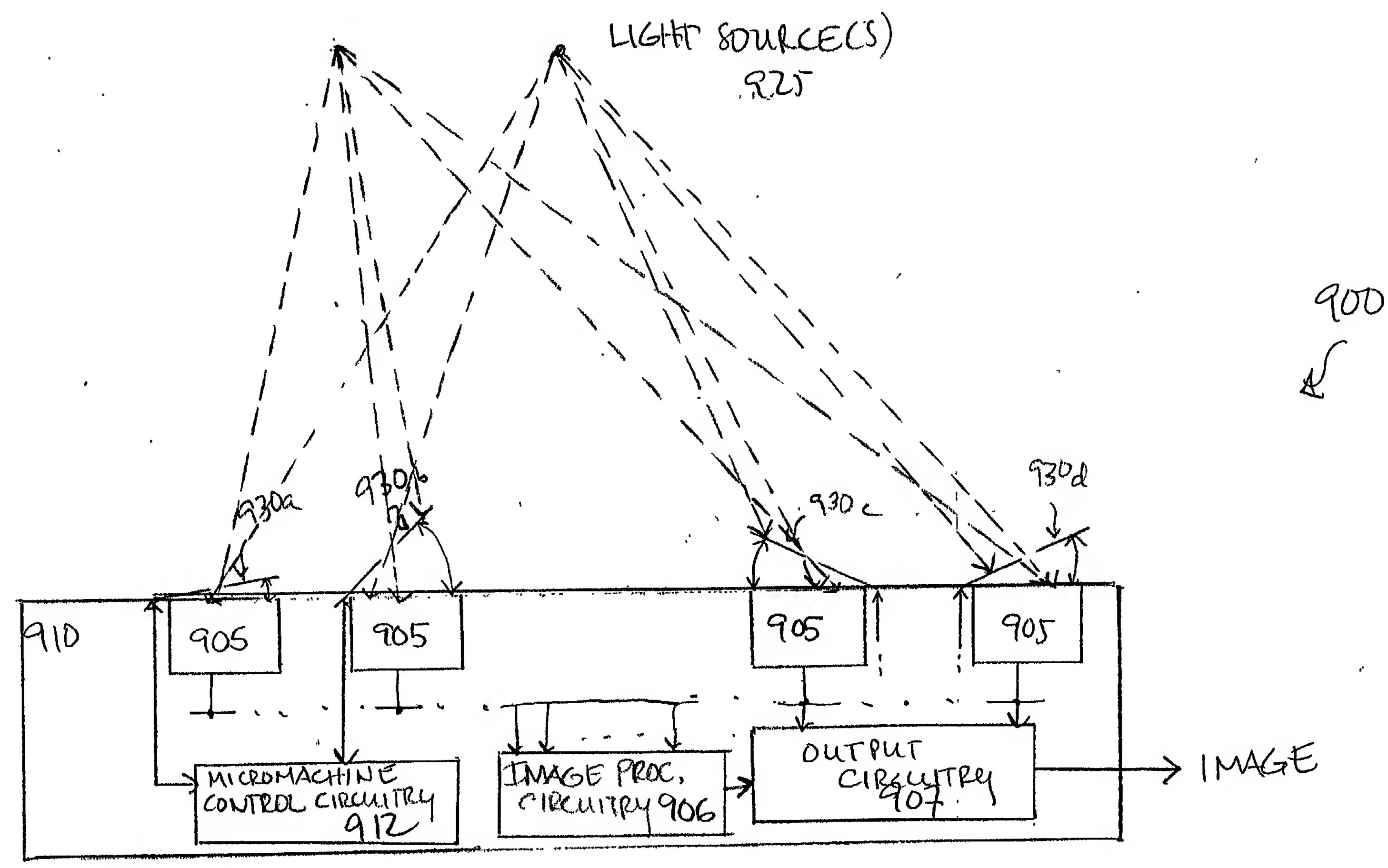
LIGHT SOURCE(S)
925
900
930a
930b
930c
930d
905
905
905
905
910
MICROMACHINE CONTROL CIRCUITRY 912
IMAGE PROC. CIRCUITRY 906
OUTPUT CIRCUITRY 907
IMAGE

FIGURE 9

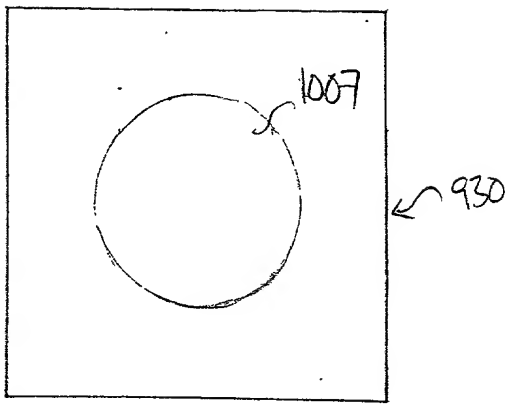

FIGURE 10

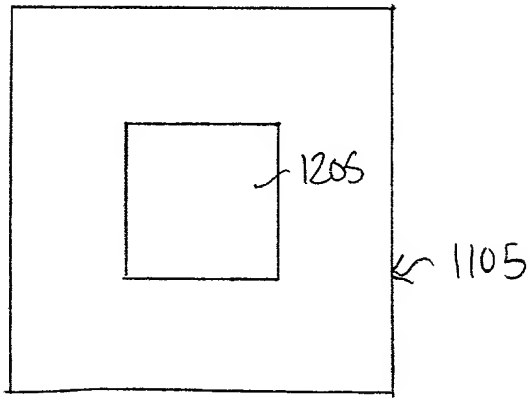

FIGURE 12

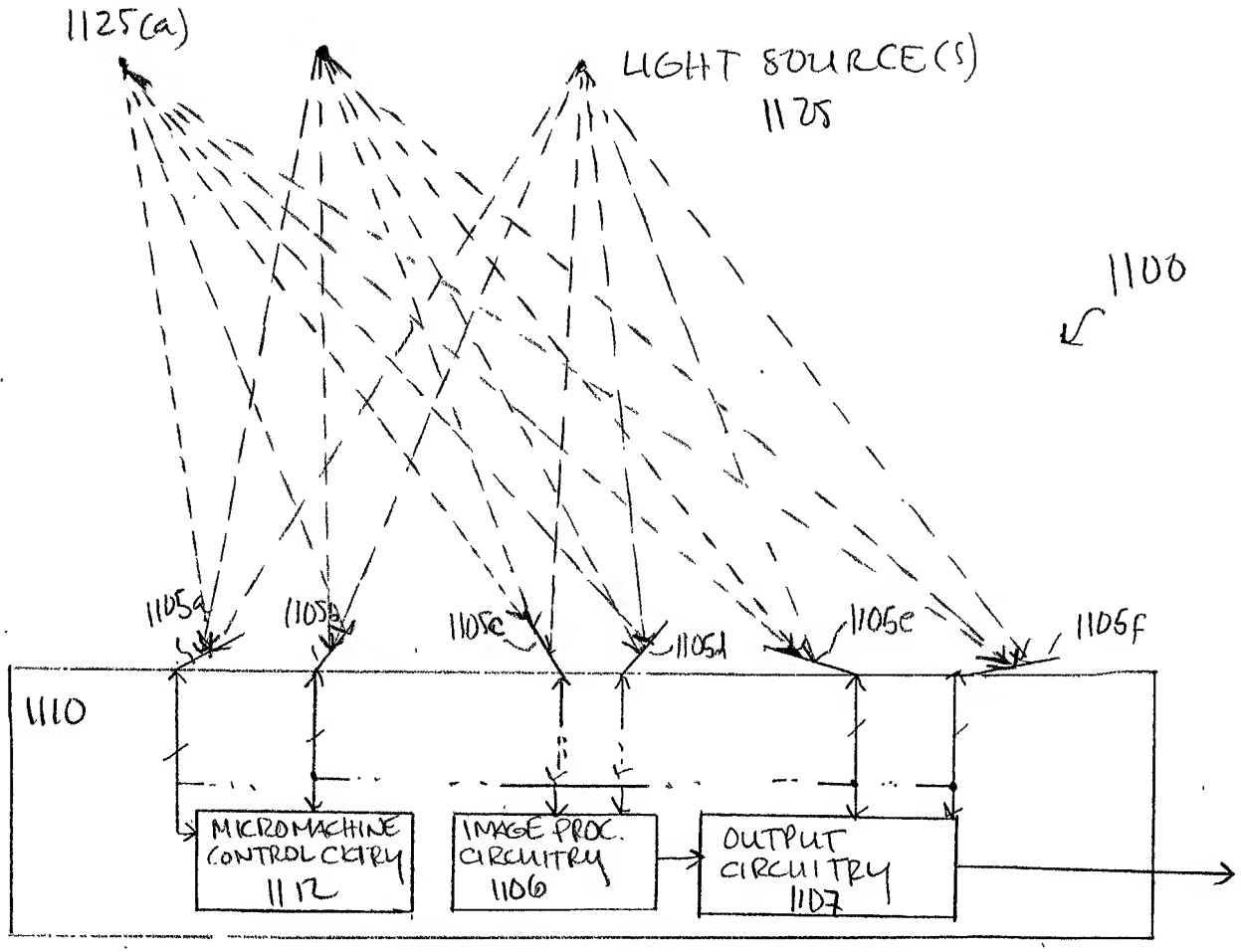

FIGURE 11

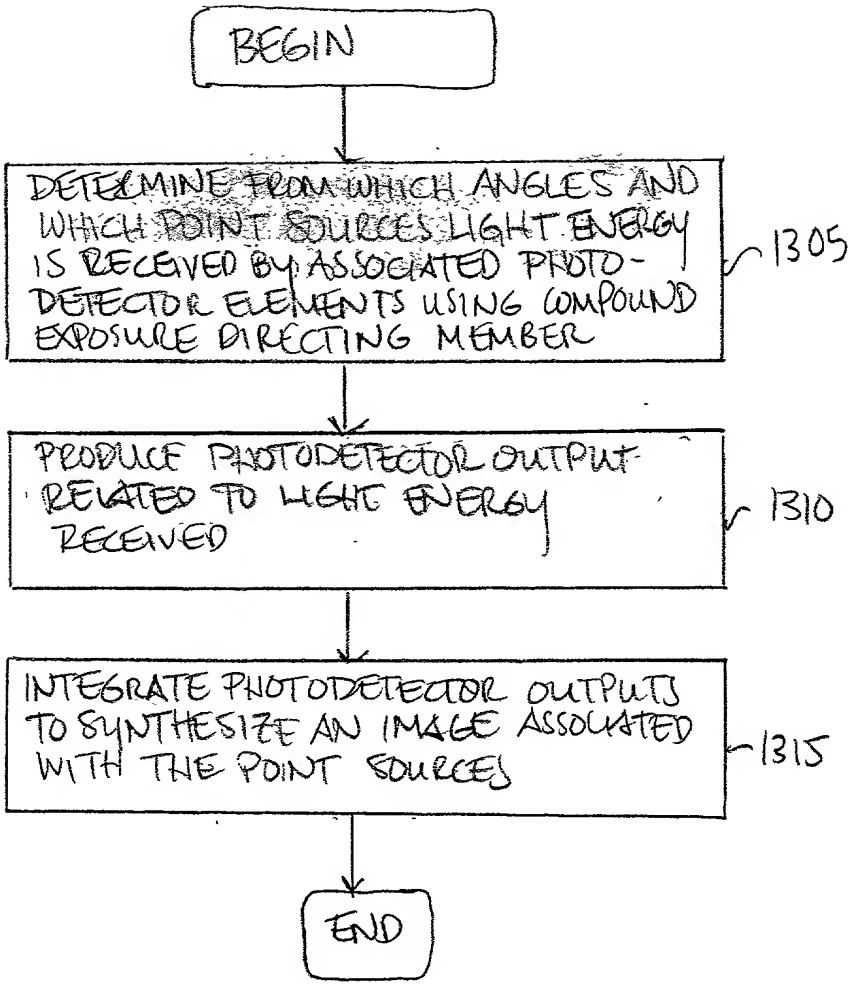
BEGIN
DETERMINE FROM WHICH ANGLES AND WHICH POINT SOURCES LIGHT ENERGY IS RECEIVED BY ASSOCIATED PHOTO-DETECTOR ELEMENTS USING COMPOUND EXPOSURE DIRECTING MEMBER
1305
PRODUCE PHOTODETECTOR OUTPUT RELATED TO LIGHT ENERGY RECEIVED
1310
INTEGRATE PHOTODETECTOR OUTPUTS TO SYNTHESIZE AN IMAGE ASSOCIATED WITH THE POINT SOURCES
1315
END

FIGURE 13